

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IB 03/03936

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N9/12 C12P19/34 C12P21/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|------------------------|
| X | WO 98/22615 A (LIFE TECHNOLOGIES INC) 28 May 1998 (1998-05-28) example 2 | 1-3, 5-17, 19-21 |
| A | KIM DONG-MYUNG ET AL: "Regeneration of adenosine triphosphate from glycolytic intermediates for cell-free protein synthesis." BIOTECHNOLOGY AND BIOENGINEERING, vol. 74, no. 4, 20 August 2001 (2001-08-20), pages 309-316, XP002227479 ISSN: 0006-3592 cited in the application the whole document | 1-21 |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

S document member of the same patent family

Date of the actual completion of the international search

29 January 2004

Date of mailing of the international search report

10/02/2004

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Information on patent family members

International Application No.

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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| WO 9822615 | A | 28-05-1998 | US 6291164 B1 | 18-09-2001 |
| | | | AU 7302198 A | 10-06-1998 |
| | | | WO 9822615 A1 | 28-05-1998 |
| | | | US 2001055792 A1 | 27-12-2001 |